



PTO/SB/08A (08-03)

Substitute for form 1449A/PTO			<b>Complete If Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			Application Number	10/687,371	
			Filing Date	10/15/2003	
			First Named Inventor	Kamps, Bill	
			Art Unit	not yet known 2863	
			Examiner Name	not yet known V. TAYLOR	
Sheet	1	of	54	Attorney Docket Number	040079-000210US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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W	A2	US-4,351,025	09-21-1982	Hall, Jr.	703/21
W	A3	US-4,414,824	11-08-1983	Summer, Jr. et al.	712/21
W	A4	US-4,816,993	03-28-1989	Takahashi et al.	212/28
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W	A8	US-5,361,373	11-01-1994	Gilson	712/11
W	A9	US-5,404,296	04-04-1995	Moorhead	702/114
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	B1							<input type="checkbox"/>
	B2							<input type="checkbox"/>

Examiner Signature	<i>W. J. Taylor</i>	Date Considered	24 June 2005
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Examiner Name	not yet known V. Taylor		
Attorney Docket Number	040079-000210US		
Sheet	2	of	4

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
u	C1	Announcement entitled: "PGS Debuts Seismic Processing System for UNIX/LINUX", (Cube Manager 2.50 Product Announcement), <u>Communications of the ACM</u> , Oct. 2000, Vol. 43, No. 10, p. 55.	
u	C2	Article entitled "NASA Langley Installs Next Generation Star Bridge Hypercomputer", Wasatch Digital IQ, March 26, 2003, 1 page	
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u	C4	BARRAEZ, D. et al., Abstract of "Modular Neural Networks for Seismic Tomography", <i>Proceedings 16th International Conference on Pattern Recognition, IEEE Comput. Soc.</i> , Part Vol. 3, 2002, pp. 407-10.	
u	C5	BOHLEN, T., Abstract of "Parallel 3D Viscoelastic Finite Difference Seismic Modeling.", <i>Computers and Geosciences</i> , October 2002, Vol. 28, No. 8, pp.887-99., Publisher: Elsevier, UK.	
u	C6	EWING, R.E. et al, Abstract of "Distributed Computation of Wave Propagation Models Using PVM.", <i>IEEE Parallel &amp; Distributed Technology</i> , Vol. 2, No. 1, Spring 1994, pp.26-31, USA.	
u	C7	FITHIAN, W. et al. "Iterative Matrix Equation Solver for a Reconfigurable FPGA-Based Hypercomputer®" Star Bridge Systems, Inc., September 5, 2002, 14 pages.	
u	C8	GAZDAG, JENO and WANG, HSUAN-HENG; Abstract of "Concurrent Computing by Sequential Staging of Tasks", <i>IBM Systems Journal</i> , December 1989, Vol. 28, No. 4, Page 646 (15).	
u	C9	GILSON, KENT et al. "New Methodology For FPGA Based Designs Offers Significant Benefits over HDL Based Methods", January 2002, 5 pages.	
u	C10	HOOGERBRUGGE, P. et al., Abstract of "Experiences With Networked Parallel Computing", <i>Concurrency Practice &amp; Experience</i> , Vol. 7, No. 1, Feb. 1995 pp. 1-16. UK.	
u	C11	HUNTER, P "Oiling the Wheels", <i>Computer Weekly</i> , June 7, 2001, p. 31 (Full Text: 2001 Reed Elsevier Business Publishing, Ltd., UK, ) (6 pages).	
u	C12	JIAN, LU et al. "A Hierarchical Framework for Parallel Seismic Applications", <i>Association for Computing Machinery, Inc., Communications of the ACM</i> , Oct. 2000, Vol. 43, (6 pages)	
u	C13	KOFAKIS, P. & LOUIS, J., "Distributed Parallel Implementation of Seismic Algorithms.", <i>Mathematical Methods in Geophysical Imaging III, Proceedings of Spie- The International Society for Optical Engineering</i> , Vol. 2571, 1995, pp.229-38, USA.	
u	C14	KOLBASUK MCGEE, MARIANNE, "Mobil Leaves Cray for Parallel Universe.", <i>InformationWeek</i> , October 11, 1993, No. 446, Page 62.	
u	C15	LYONS, DANIEL, "Super-Cheap Supercomputing?" Forbes.com website, March 25, 2003, 4 pages.	

Examiner Signature	<u>U. Taylor</u>	Date Considered	<u>24 June 2005</u>
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u	C16	NICCANNA, C. & BEAN, CJ, Abstract of "Larger Grids and Shorter Wall-clock Times on a Parallel Virtual Machine (PVM) - an Example Using a Finite Difference Wave Simulation Algorithm", <i>GeoComputation 96 - 1st International Conference on GeoComputation</i> , 1996, Univ. Leeds, Part Vol. 2, pp. 661-662.	
u	C17	NICCANNA, C. & BEAN, CJ, Abstract of "The Use of a Parallel Virtual Machine (PVM) for Finite-Difference Wave Simulations.", <i>Computers &amp; Geosciences</i> , Vol. 23, No. 7, August 1997, pp.771-83, Publisher: Elsevier, UK.	
u	C18	SEN, V., SEN, M.K., & STOFFA, P.L., "PVM Based 3-D Kirchhoff Depth Migration Using Dynamically Computed Travel-Times: An Application in Seismic Data Processing.", <i>Parallel Computing</i> , March 1999, Vol. 25, No. 3, pp.231-48, Publisher: Elsevier, Netherlands.	
u	C19	SHIMSHONI, Y. et al., "Classification of Seismic Signals by Integrating Ensembles of Neural Networks", <i>IEEE Transactions on Signal Processing</i> , Vol. 46, No. 5, May 1998, pp. 1194-201. (Abstract) (1 page).	
u	C20	SINGLETERRY, R. et al. "Field-Programmable Gate Array Computer in Structural Analysis: An Initial Exploration", American Institute of Aeronautics and Astronautics, Paper No. AIAA-2002-1761, 11 pages	
u	C21	STAMMLER, K. Abstract of "Seismic Handler-programmable Multichannel Data Handler for Interactive and Automatic Processing of Seismological Analyses", <i>Computers &amp; Geosciences</i> , Vol. 19, No. 2, Feb. 1993, pp. 135-40. UK.	
NOT CONSIDERED	C22	Star Bridge Systems website "Company Overview" About Us page at: <a href="http://www.starbridgesystems.com">http://www.starbridgesystems.com</a> , 2 pages.	
	C23	Star Bridge Systems website "Download Latest Library" Support page at: <a href="http://www.starbridgesystems.com">http://www.starbridgesystems.com</a> , 3 pages.	
	C24	Star Bridge Systems website "Hardware Description" Products page at: <a href="http://www.starbridgesystems.com">http://www.starbridgesystems.com</a> , 1 page.	
	C25	Star Bridge Systems website "Hardware Description" Technology page at: <a href="http://www.starbridgesystems.com">http://www.starbridgesystems.com</a> , 6 pages.	
	C26	Star Bridge Systems website "Management" About Us page at: <a href="http://www.starbridgesystems.com">http://www.starbridgesystems.com</a> , 4 pages.	
	C27	Star Bridge Systems website "Overview" Products page at: <a href="http://www.starbridgesystems.com">http://www.starbridgesystems.com</a> , 1 page.	
	C28	Star Bridge Systems website "Papers" Technology page at: <a href="http://www.starbridgesystems.com">http://www.starbridgesystems.com</a> , 2 pages.	
	C29	Star Bridge Systems website "Software Description" Products page at: <a href="http://www.starbridgesystems.com">http://www.starbridgesystems.com</a> , 3 pages.	

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<del>NOT CONSIDERED</del>	C30	Star Bridge Systems website "Testimonials" About Us page at: <a href="http://www.starbridgesystems.com">http://www.starbridgesystems.com</a> , 3 pages.	
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	C33	VIJAYAN, JAIKUMAR, Abstract and full text of "Users Tune Out Buzz Over 64-Bit Unix.", Computerworld, February 17, 1997, Vol. 31, No. 7, Page 10.	
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